(i) receiving a predefined output definition to be rendered wherein said output definition is an html document;

(ii) parsing said output definition to identify at least one texture expression to be employed in said rendered output, at least one of the texture expressions comprising a mathematical expression defining a texture;

(iii) evaluating each said at least one texture expression in terms of at least one texture expression evaluation parameter defined in said output definition to obtain a texture output; and

(iv) rendering said defined output with each said texture output.

8. [amended] The method of claim [1] 7 wherein said texture expression produces an audio texture.

REMARKS

The claims have been amended, as suggested by the Examinerf, to put the present application into condition for allowance.

Respectfully Submitted,

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Agents for Applicant

"Version with Markings"

Official

We claim:

1. [cancel] A method of rendering a defined output from an output definition, comprising the steps of:

(i) receiving a predefined output definition to be rendered;

(ii) parsing said output definition to identify at least one texture expression to be employed in said rendered output, at least one of the texture expressions comprising a mathematical expression defining a texture;

(iii) evaluating each said at least one texture expression in terms of at least one texture expression evaluation parameter defined in said output definition to obtain a texture output; and

(iv) rendering said defined output with each said texture output.

2. [cancel] The method of claim 1 wherein said at least one texture expression evaluation parameter comprises coordinates for pixels on a rendered display.

3. [cancel] The method of claim 2 wherein said coordinates are expressed in absolute terms with respect to said display.

4. [cancel] The method of claim 2 wherein said coordinates are expressed in relative terms with respect to the region of said display to which the resulting corresponding texture picture is to be applied.

5. [cancel] The method of claim 2 wherein said texture expression produces an image texture and said texture expression comprises a different expression to be evaluated for each color value of a multivalue colorspace.

6. [cancel] The method of claim 5 wherein said multi-value colorspace is RGB colorspace.

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7. [amended] [The method of claim 1] A method of rendering a defined output from an output definition, comprising the steps of:

(i) receiving a predefined output definition to be rendered wherein said output definition is an html document;

(ii) parsing said output definition to identify at least one texture expression to be employed in said rendered output, at least one of the texture expressions comprising a mathematical expression defining a texture;

(iii) evaluating each said at least one texture expression in terms of at least one texture expression evaluation parameter defined in said output definition to obtain a texture output; and

(iv) rendering said defined output with each said texture output.

8. [amended] The method of claim [1] 7 wherein said texture expression produces an audio texture.

9. The method of claim 8, wherein said at least one texture expression evaluation parameter is time-based.

10. The method of claim 9 wherein said time-based parameter comprises an elapsed time from a user interface event.

11. The method of claim 8, wherein said at least one texture expression evaluation parameter comprises coordinates for pixels on a rendered display.

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12. [cancel] A system to render a defined output from an output definition, comprising:

an output definition parser for receiving a predefined output definition and, and for identifying therefrom at least one mathematical texture expression and at least one texture expression evaluation parameter associated with the at least one texture expression;

a texture expression evaluation engine in communication with the output definition parser for evaluating each said at least one texture expression in view of said at least one associated parameters to create a corresponding texture output for each said at least one texture expression; and

an output renderer in communication with the texture expression evaluation engine for rendering said defined output with each said texture output.

13. [cancel] The system as claimed in claim 12 wherein said texture output is a texture image and said texture expression evaluation parameters include a definition of an area of a rendered display for which said corresponding texture image is to be applied.

14. [cancel] The system as claimed in claim 12, wherein said texture output is an audio texture and said texture expression evaluation parameters include a time-based parameter.

We claim:

1. [cancel] A method of rendering a defined output from an output definition, comprising the steps of:

(i) receiving a predefined output definition to be rendered;

(ii) parsing said output definition to identify at least one texture expression to be employed in said rendered output, at least one of the texture expressions comprising a mathematical expression defining a texture;

(iii) evaluating each said at least one texture expression in terms of at least one texture expression evaluation parameter defined in said output definition to obtain a texture output; and

(iv) rendering said defined output with each said texture output.

2. [cancel] The method of claim 1 wherein said at least one texture expression evaluation parameter comprises coordinates for pixels on a rendered display.

3. [cancel] The method of claim 2 wherein said coordinates are expressed in absolute terms with respect to said display.

4. [cancel] The method of claim 2 wherein said coordinates are expressed in relative terms with respect to the region of said display to which the resulting corresponding texture picture is to be applied.

5. [cancel] The method of claim 2 wherein said texture expression produces an image texture and said texture expression comprises a different expression to be evaluated for each color value of a multivalue colorspace.

6. [cancel] The method of claim 5 wherein said multi-value colorspace is RGB colorspace.

7. [amended] A method of rendering a defined output from an output definition, comprising the steps of:

(i) receiving a predefined output definition to be rendered wherein said output definition is an html document;

(ii) parsing said output definition to identify at least one texture expression to be employed in said rendered output, at least one of the texture expressions comprising a mathematical expression defining a texture;

(iii) evaluating each said at least one texture expression in terms of at least one texture expression evaluation parameter defined in said output definition to obtain a texture output; and

(iv) rendering said defined output with each said texture output.

8. [amended] The method of claim 7 wherein said texture expression produces an audio texture.

9. The method of claim 8, wherein said at least one texture expression evaluation parameter is time-based.

10. The method of claim 9 wherein said time-based parameter comprises an elapsed time from a user interface event.

11. The method of claim 8, wherein said at least one texture expression evaluation parameter comprises coordinates for pixels on a rendered display.

12. [cancel] A system to render a defined output from an output definition, comprising:

an output definition parser for receiving a predefined output definition and, and for identifying therefrom at least one mathematical texture expression and at least one texture expression evaluation parameter associated with the at least one texture expression;

a texture expression evaluation engine in communication with the output definition parser for evaluating each said at least one texture expression in view of said at least one associated parameters to create a corresponding texture output for each said at least one texture expression; and

an output renderer in communication with the texture expression evaluation engine for rendering said defined output with each said texture output.

13. [cancel] The system as claimed in claim 12 wherein said texture output is a texture image and said texture expression evaluation parameters include a definition of an area of a rendered display for which said corresponding texture image is to be applied.

14. [cancel] The system as claimed in claim 12, wherein said texture output is an audio texture and said texture expression evaluation parameters include a time-based parameter.